AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended): An apparatus comprising:

an electronic device for coupling to a home network system, the electronic device having a memory device, the memory device contains the electronic device's ID information, the ID information is a remote location's complete address to a page storing one of control and characteristic information for the electronic device, one of the control and the characteristic information is retrieved from the remote location if the home network system does not have the one of control and the characteristic information stored, the home network system achieves plug-n-play like operability for the electronic device without using a plug and play protocol, and the electronic device is polled periodically for the ID information~~device does not transmit service requests~~.

Claim 2 (Previously Presented): The apparatus of claim 1, wherein the complete address includes one of a complete uniform resource locator (URL) and a complete Internet protocol (IP) address to a specific page for the electronic device.

Claim 3 (Original): The apparatus of claim 2, wherein the electronic device's characteristics and control information is maintained at the remote location.

Claim 4 (Currently Amended): The apparatus of claim 1, wherein the electronic device is a consumer electronic (CE) bus device.

Claim 5 (Previously Presented): The apparatus of claim 1, wherein the electronic device transmits the complete device identification information on a device specific bus when coupled to the device specific bus.

Claim 6 (Currently Amended): A system comprising:

a plurality of electronic devices each including a memory device, each of the memory devices contain ID information, the ID information is a remote location's complete address to a

page storing one of control and characteristic information for each electronic device, one of the control and the characteristic information is retrieved from the remote location if a home network system does not have the one of control and the characteristic information stored;

a plurality of device specific buses coupled specifically to the plurality of electronic devices;

a plurality of device specific network bridge devices coupled specifically to the plurality of device specific buses and the home network; and

a device for communicating with a remote network, wherein the home network system achieves plug-n-play like operability for each of the electronic devices without using a plug and play protocol, and each of the plurality of electronic devices is polled periodically for its ID information ~~do not transmit service requests~~.

Claim 7 (Original): The system of claim 6, further comprising:

a central processing device coupled to the home network;

a central memory device coupled to the central processing device; and

a display coupled to the central processing device.

Claim 8 (Previously Presented): The system of claim 6, wherein the complete address information includes one of a complete uniform resource locator (URL) and a complete Internet protocol (IP) address to a specific page for each electronic device.

Claim 9 (Original): The system of claim 8, wherein each of the plurality of electronic device's characteristics and control information is maintained at a specific remote location.

Claim 10 (Currently Amended): The system of claim 6, wherein the electronic device is a consumer electronic (CE) bus device.

Claim 11 (Original): The system of claim 6, wherein the remote network is one of the Internet and an Intranet.

Claim 12 (Original): The system of claim 11, wherein each of the device's characteristics and control information is retrieved from a specific remote location upon coupling of the device to its device specific bus.

Claim 13 (Currently Amended): A method comprising:

~~generating a request~~periodically polling a device for ID information, the ID information is ~~for a device's~~ a remote location's complete address to a page storing one of control and characteristic information for the device;

receiving the requested device's complete address from the device;

determining whether characteristic information for the device is previously stored on a home network system;

communicating with the remote location if the device's characteristic information is not previously stored on the home network system;

retrieving the device's characteristic information if the characteristic information is not previously stored on the home network system;

storing the characteristic information not previously stored on the home network system;

controlling the device on the home network system,

wherein the home network system achieves plug-n-play like operability for the device without using a plug and play protocol~~, and the device does not transmit service requests~~.

Claim 14 (Original): The method of claim 13, further comprising:

using the device's characteristic information to control the device;

determining whether the stored characteristic information needs to be updated; and

replacing the stored characteristic information with new characteristic information if the stored characteristic information needs to be updated.

Claim 15 (Cancelled)

Claim 16 (Previously Presented): The method of claim 14, wherein the remote location's complete address is one of a complete uniform resource locator (URL) and a complete Internet protocol (IP) address to a specific page for the device.

Claim 17 (Original): The method of claim 13, further comprising:

displaying information on a display device.

Claim 18 (Currently Amended): An apparatus comprising a machine-readable medium containing instructions which, when executed by a machine, cause the machine to perform operations comprising:

~~generating a request for~~periodically polling a device for ID information, the ID information is ~~a~~ the device's remote location complete address to a page storing one of control and characteristic information for the device;

receiving the requested device's complete address;

determining whether characteristic information for the device is previously stored on a home network system;

communicating with the remote location if the device's characteristic information is not previously stored on the home network system;

retrieving the device's characteristic information if the characteristic information is not previously stored on the home network system;

storing the characteristic information not previously stored on the system; and

controlling the device on the home network system,

wherein the home network system achieves plug-n-play like operability for the device without using a plug and play protocol~~, and the device does not transmit service requests~~.

Claim 19 (Original): The apparatus of claim 18, further containing instructions which, when executed by a machine, cause the machine to perform operations including:

using the device's characteristic information to control the device;

determining whether the stored characteristic information needs to be updated; and

replacing the stored characteristic information with new characteristic information if the stored characteristic information needs to be updated.

Claim 20 (Previously Presented): The apparatus of claim 18, wherein the device's identification information is a remote location's complete destination information to a specific page for the device.

Claim 21 (Previously Presented): The apparatus of claim 20, wherein the remote location's destination information is one of a complete uniform resource locator (URL) and a complete Internet protocol (IP) address.

Claim 22 (Original): The apparatus of claim 18, further containing instructions which, when executed by a machine, cause the machine to perform operations including:

displaying information to a display device.

Claim 23 (Canceled)

Claim 24 (Previously Presented): The apparatus of claim 1, wherein the plug and play protocol is a universal plug-n-play protocol (UPnP).

Claim 25 (Canceled)

Claim 26 (Previously Presented): The system of claim 6, wherein the plug and play protocol is a universal plug-n-play protocol (UPnP).

Claim 27 (Canceled)

Claim 28 (Previously Presented): The method of claim 13, wherein the plug and play protocol is a universal plug-n-play protocol (UPnP).

Claim 29 (Canceled)

Claim 30 (Previously Presented): The system of claim 18, wherein the plug and play protocol is a universal plug-n-play protocol (UPnP).